

SIX FLAGS NEW ENGLAND	
SUBJECT: BATTERY STORAGE AND CHARGING	SAFETY REFERENCE MANUAL
SECTION: 3	PAGE: 1 of 2
EFFECTIVE: January 2016	SUPERSEDES: ALL PREVIOUS
CFR #: 29 CFR 1910 Subpart N – Materials Handling and Storage 1910.178 (g) & Subpart S – Electrical 1910.305(j) (7)	

3.1 PURPOSE

To provide guidelines and procedures for Battery Storage and Charging in the workplace.

3.2 POLICY

All applicable associates will be familiar with and adhere to the written guidelines for Battery Storage and Charging.

2.3 SCOPE

This policy applies to all employees that store and charge batteries in the workplace.

3.4 STORAGE

This policy applies to all employees that store and charge batteries in the workplace. Batteries of the unsealed type shall be located in enclosures without side vents or in well ventilated rooms and shall be arranged so as to prevent the escape of fumes, gases, or electrolyte spray into other areas.

Ventilation shall be provided to ensure diffusion of the gases from the battery and to prevent the accumulation of an explosive mixture.

Racks and trays shall be substantial and shall be treated to make them resistant to the electrolyte.

Floors shall be of acid resistant construction unless protected from acid accumulations.

3.5 PERSONAL PROTECTIVE EQUIPMENT

Face shields, aprons, and rubber gloves shall be provided for workers handling acids or batteries.

Facilities for quick drenching of the eyes and body shall be provided within twenty-five (25) feet of battery handling areas.

SIX FLAGS NEW ENGLAND	
SUBJECT: BATTERY STORAGE AND CHARGING	SAFETY REFERENCE MANUAL
SECTION: 3	PAGE: 2 of 2
EFFECTIVE: January 2016	SUPERSEDES: ALL PREVIOUS
CFR #: 29 CFR 1910 Subpart N – Materials Handling and Storage 1910.178 (g) & Subpart S – Electrical 1910.305(j) (7)	

3.6 FIRE PROTECTION

Facilities shall be provided for flushing and neutralizing spilled electrolyte and for fire protection.

3.7 BATTERY CHARGING

Battery charging installations shall be located in areas designated for that purpose.

Charging apparatus shall be protected from damage by trucks.

When batteries are being charged, the vent caps shall be kept in place to avoid electrolyte spray. Vent caps shall be maintained in functioning condition.

Batteries should only be disposed of using carriers and disposal facilities licensed to handle them.

OSHA INSTRUCTION STD 1-11.4 OCTOBER 30, 1978

"Battery charging" areas where power industrial truck batteries are charged only--no maintenance is performed, batteries are not removed from the trucks and no electrolyte is present in the area--are not subject to the requirement of 29 CFR 1910.178(g)(2). The charging areas shall be in compliance with 29 CFR 1910.178(g)(1), (8), (9), (10), (11) and (12). Personal protective equipment shall be used when and where required.

3.7 BATTERY DISPOSAL

Batteries should only be disposed of using carriers and disposal facilities licensed to handle them.